| Ref<br>#   | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|------------|------|---|---|---------------------|---------|------------------|
| S1         | 1362 | ishii-kenji\$.in. or norisue-yasuma\$. in. or miyamoto-makoto\$.in. or simuta-masanori\$.in. or miramatsu-kiyonari\$.in.                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2007/10/16 13:17 |
| S2         | 119  | S1 and \$4phenylene   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2007/10/16 13:15 |
| <b>S</b> 3 | 89   | S1 and \$4phenylene ether   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2007/10/16 13:15 |
| S4         | 1362 | ishii-kenji\$.in. or norisue-yasuma\$. in. or miyamoto-makoto\$.in. or simuta-masanori\$.in. or hiramatsu-kiyonari\$.in. and \$4phenylene ether               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2007/10/16 13:34 |
| <b>S</b> 5 | 89   | (ishii-kenji\$.in. or norisue-yasuma\$.<br>in. or miyamoto-makoto\$.in. or<br>simuta-masanori\$.in. or<br>hiramatsu-kiyonari\$.in.) and<br>\$4phenylene ether | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2007/10/16 13:51 |
| S6         | 758  | 528/86.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2007/10/16 14:32 |
| <b>S7</b>  | 165  | S6 and oligomer   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2007/10/16 14:32 |
| S8         | 143  | S7 and @ad<"20040323"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2007/10/17 10:31 |
| S9         |      | phenylene ether same oligomer   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2007/10/16 14:39 |

|     |             |   |   |     | · · · · · · · · · · · · · · · · · · · |                  |
|-----|-------------|---|---|-----|---------------------------------------|------------------|
| S10 | 80          | S9 and @ad<"20040323"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON                                    | 2007/10/16 15:25 |
| S11 | 2           | JP-2003012796-\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON                                    | 2007/10/16 14:52 |
| S12 | 6           | ("20020028907" "20030130438" "2<br>0030229256").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON                                    | 2007/10/16 14:52 |
| S13 | 66          | ("20030194562" "20030229256" "2<br>0040214004" "20050065241" "2005<br>0070685" "20050090624" "2005013<br>0438" "20050186430" "2006004108<br>6" "3306874" "3306875" "3838102"<br> "4521584" "4677185" "4704430" "<br>4923932" "5021543" "5218030" "52<br>70435" "6211327" "6384176" "6407<br>200" "6437085" "6521735" "668992<br>0" "6794481" "6835785" "6835786"<br>).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON                                    | 2007/10/16 15:14 |
| S14 | 19          | S13 and tertiary near6 amine  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON                                    | 2007/10/16 15:24 |
| S15 | 75          | bivalent phenol and monovalent phenol   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON                                    | 2007/10/16 15:25 |
| S16 | 56          | S15 and @ad<"20040323"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON                                    | 2007/10/16 15:29 |
| S17 | . <b>77</b> | biphenyl near5 diol and<br>dimethylphenol   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON                                    | 2007/10/16 15:34 |
| S18 | 56          | \$4functional phenylene ether   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON                                    | 2007/10/16 15:35 |

| S19 | 328   | \$4functional same phenylene ether                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/10/16 15:34 |
|-----|-------|---|---|-----|----|------------------|
| S20 | 285   | S19 not S1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/10/16 15:36 |
| S21 | 222 . | S20 and @ad<"20040323"                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/10/16 16:22 |
| S23 | 0     | \$4phenlyene ether and biphenyl near3 diol          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/10/16 15:49 |
| S24 | 1     | \$4phenlyene ether and biphenyl                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/10/16 16:04 |
| S25 | 0     | \$4phenlyene ether and biphenol                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/10/16 16:05 |
| S26 | 5     | \$4phenlyene ether and \$2phenol                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/10/16 16:20 |
| S27 | 163   | oxidative polymerization and catalyst same charg\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/10/16 16:35 |
| S28 | 124   | S27 and @ad<"20040323"                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/10/16 16:56 |
| S29 | 76    | S28 and \$4phenylene                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/10/16 16:56 |

| 622 | 25  | (UC 2007022220 A ==  | LIC DCDLID          | ADI | ONI | 2007/10/10 10:25   |
|-----|-----|--|---------------------|-----|-----|--------------------|
| S30 | 25  | (US-20070232730-\$ or<br>US-20050186430-\$ or  | US-PGPUB;<br>USPAT; | ADJ | ON  | 2007/10/16 16:35   |
|     |     | US-20050160450-\$ 07<br>US-20050065241-\$ or   | JPO                 |     |     |                    |
|     |     | US-20030003241 \$ 07<br>US-20040152848-\$ or   | 310                 |     |     | '                  |
|     |     | US-20030229256-\$ or   |                     |     |     |                    |
|     |     | US-20030194562-\$ or   |                     |     |     |                    |
|     |     | US-20030130438-\$ or   |                     |     |     |                    |
|     |     | US-20070135609-\$ or   |                     |     |     |                    |
|     |     | US-20040236060-\$ or   |                     |     |     |                    |
|     |     | US-20040214024-\$ or   |                     |     |     |                    |
|     |     | US-20020028907-\$ or   |                     |     |     |                    |
|     |     | US-20050070685-\$ or   |                     |     |     |                    |
|     |     | US-20020055608-\$ or   |                     |     |     |                    |
|     |     | US-20020013446-\$).did. or   |                     |     |     |                    |
|     |     | (US-7276563-\$ or US-7247682-\$ or   |                     |     |     |                    |
|     |     | US-7071266-\$ or US-6962744-\$ or  |                     |     |     |                    |
|     | i · | US-6835785-\$ or US-6689920-\$ or  |                     |     |     | ,                  |
|     |     | US-6962965-\$ or US-6794481-\$ or  |                     |     |     |                    |
|     |     | US-4879366-\$).did. or   |                     |     |     |                    |
|     |     | (JP-2003238676-\$ or   |                     |     |     |                    |
|     |     | JP-2003012796-\$).did.   |                     |     |     |                    |
| S31 | 3   | S30 and partial  | US-PGPUB;           | ADJ | ON  | 2007/10/16 16:35   |
|     | _   | Factorial Participation of the Control of the Contr | USPAT;              |     |     |                    |
|     |     |  | JPO                 |     |     |                    |
| S32 | 50  | ovidative polymerization and   | US-PGPUB;           | ADJ | ON  | 2007/10/16 16:55   |
| 552 | 50  | oxidative polymerization and<br>catalyst same partial  | USPAT;              | AUJ | ON  | 2007/10/10 10:55   |
|     |     | Catalyst same partial  | USOCR;              |     |     |                    |
|     |     |  | EPO; JPO;           |     |     |                    |
|     |     | •  | DERWENT             |     |     |                    |
| COO | 27  | 522 and @ad <"20040222"  | •                   | ADI | ON  | 2007/10/16 16:27   |
| S33 | 27  | S32 and @ad<"20040323"   | US-PGPUB;<br>USPAT; | ADJ | UN  | 2007/10/16 16:37   |
|     |     |  | USOCR;              |     |     |                    |
|     |     |  | EPO; JPO;           |     |     |                    |
|     |     |  | DERWENT             |     |     |                    |
|     |     |  |                     |     |     |                    |
| S34 | 5   | ("3338844"   "3423335").PN. OR   | US-PGPUB;           | ADJ | ON  | 2007/10/16 16:40   |
|     |     | ("3669929").URPN.  | USPAT;              |     |     |                    |
|     |     |  | USOCR               |     |     |                    |
| S35 | 329 | oxidative polymerization and   | US-PGPUB;           | ADJ | ON  | 2007/10/16 16:56   |
|     |     | catalyst same addition   | USPAT;              |     |     |                    |
|     |     | •  | USOCR;              | ,   |     |                    |
|     |     |  | EPO; JPO;           |     |     |                    |
| .   |     |  | DERWENT             |     |     |                    |
| S36 | 225 | S35 and @ad<"20040323"   | US-PGPUB;           | ADJ | ON  | 2007/10/16 16:56   |
|     | 229 | 222 4114 (344 - 200 10020  | USPAT;              |     | -   | 2007, 20, 20 10.00 |
|     |     |  | USOCR;              |     |     |                    |
|     |     |  | EPO; JPO;           |     |     |                    |
| 1 1 |     |  | DERWENT             | 1   |     |                    |

|                  |      | EAST Scare  |   | ,   |    |                  |
|------------------|------|---|---|-----|----|------------------|
| S38              | 329  | oxidative polymerization and catalyst same addition   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/10/17 07:10 |
| S39              | 225  | S38 and @ad<"20040323"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/10/17 07:10 |
| S40 <sup>-</sup> | 105  | S39 and \$4phenylene  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/10/17 07:10 |
| S41              | 29   | (US-20040236060-\$ or US-20020055608-\$ or US-20020013446-\$ or US-20070232730-\$ or US-20050186430-\$ or US-20040214024-\$ or US-20040152848-\$ or US-20030194562-\$ or US-20030194562-\$ or US-20030130438-\$ or US-20030130438-\$ or US-20070135609-\$ or US-20020028907-\$ or US-20050070685-\$).did. or (US-7074887-\$ or US-3669929-\$ or US-3962180-\$ or US-3669929-\$ or US-6962744-\$ or US-6794481-\$ or US-7276563-\$ or US-7247682-\$ or US-7071266-\$ or US-6835785-\$ or US-689920-\$ or US-6835785-\$ or US-4879366-\$).did. or (JP-2003238676-\$ or JP-2003012796-\$).did. | US-PGPUB;<br>USPAT;<br>JPO                            | ADJ | ON | 2007/10/17 08:30 |
| S42              | 1362 | ishii-kenji\$.in. or norisue-yasuma\$. in. or miyamoto-makoto\$.in. or simuta-masanori\$.in. or miramatsu-kiyonari\$.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/10/17 08:31 |
| S43              | 7    | S42 and amine.clm.  | US-PGPUB;<br>USPAT;<br>JPO                            | ADJ | ON | 2007/10/17 08:34 |
| S44              | 89   | S42 and \$4phenylene ether  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/10/17 08:34 |

| S45 | 3 | S44 and amine.clm.     | US-PGPUB;<br>USPAT;<br>JPO                            | ADJ | ON | 2007/10/17 08:36 |
|-----|---|------------------------|---|-----|----|------------------|
| S47 | 2 | JP-2003229256-\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/10/17 08:36 |
| S48 | 2 | US-20030229256-\$.did. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/10/17 08:51 |
| S49 | 7 | "6689920"              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/10/17 08:51 |